

CZEREPOK, K.; SIKORSKA-TOMICKA H.

complex compounds of caprolactam with  $Hg^{2+}$  ions. p. 3

CHAMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelną  
Organicacją Techniczną) Warszawa, Poland. Vol. 4, No. 1/2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, August 1959  
Uncl.

CZEREPOKO, Kazimierz; NIEWIAROWSKI, Stefan, doc. dr. med.; POPLAWSKI, Aleksander, PROKOPOWICZ, Jan; WOŁOSOWICZ, Wlma; WOROMSKI, Krzysztof.

An epsilon-aminocaproic acid preparation and its use in the treatment of hemorrhage and hemorrhagic diathesis. Pol. tyg. lek. 19 no. 47:1805-1807 23 N°64.

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej w Białymostku (kierownik: doc. dr. med. Stefan Niewiarowski).

POLAND/Chemical Technology - Chemical Products and Their  
Applications - Ceramics, Glass, Bonding  
Materials, Cements.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36939

Author : Doburzynski, W.I., Czerepanin, P.C.

Inst :

Title : Intensification of Baking of Structural Faience in  
Intermittent Ovens.

Orig Pub : Szklo i Ceramika, 1957, 8, No 12, 340-341

Abstract : For translation see Ref. Zhur. Khimii, 1957, 45240.

Card 1/1

27

MAGYAR TEXTILTECHNIKA  
HUNGARIAN TEXTILES  
VOL IV 1951  
NO. 3, March

G. Székely  
and G. Lászeghy:  
Contribution to the article by J. Nádor  
et al. "The coordinated tasks of technical  
and non-technical executives in the  
textile industry" ..... NO. VI

ASH ALA METALLURGICAL LITERATURE CLASSIFICATION

CHERNOV, D.

Securing the development of the migration of vessels under sail.

p. 20 (Norse, Vol. 12, no. 1, Apr. 1957. Norszava, Island)

Monthly Index of East European Acquisitions (MEIA) No. Vol. 7, no. 2,  
February 1958

L 23358-66 T JK  
ACC NR: AP5024610

(A)

SOURCE CODE: PO/0100/65/013/004/0426/0439

AUTHOR: Kowarzyk, H. (Wroclaw); Czerchawski, L.; Fal, L.17  
QORG: Department of Pathophysiology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, WroclawTITLE: Combined action of tetanus and botulinum toxins in animalsSOURCE: Archivum immunologiae et therapiae experimentalis, v. 13, no. 4, 1965, 426-439TOPIC TAGS: toxin, bacterial toxin, botulinum toxin, tetanus toxin, toxic effect, botulism, tetanus, neurotropic poison, exotoxin

ABSTRACT: Three groups of 32 mice were used to compare simultaneous poisoning by tetanus and botulinum toxins with poisoning by each toxin separately. A botulinum toxin dose of 0.2 mg caused 23% to 47% mortality; tetanus toxin doses of 0.2 to 1.0 mg caused a mortality of 57% to 94%. Botulism symptoms appeared earlier, and tetanus symptoms appeared later, in the mice receiving both toxins than in the control groups receiving either toxin alone. At certain dose ratios botulinum toxin suppressed the effects of tetanus poisoning. Other experiments indicate that while botulinum toxin protects against tetanus toxin, tetanus toxin may

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L 23358-66

ACC NR: AP5024610

potentiate botulinum toxin. High doses of tetanus toxin were not inhibited by subsequent administration of botulinum toxin. The characteristic symptoms of both toxins (rigidity of the muscles of the spine and extremities, and flaccidity of abdominal muscles) occurred simultaneously in animals receiving both toxins. The role of glutamic-oxalacetic transaminase (GOT) in the effects of tetanus and botulinum toxins was studied. GOT levels were raised by injection of tetanus toxin, and were unaffected by botulinum toxin. Botulinum toxin inhibited the GOT reaction in rabbits poisoned with tetanus toxin. It is concluded that the raised GOT levels symptomatic of tetanus result either from muscular contraction or from increased muscular content of acetylcholine. Botulism counteracts both these phenomena and thus blocks the action of tetanus toxin on GOT level. The origin of the excess GOT (whether muscles or liver) was not ascertained. The following metabolic changes are assumed to occur: 1) Botulinum toxin removes one of the substrates of the tetanus pathway, blocking it. 2) Tetanus toxin stimulates production of an essential factor of the botulinum pathway, facilitating it.

SUB CODE: 06 / SUBM DATE: 00Jul64 / OTH REF: 017

Card 2/2 Lc

CZEREYSKI, MAZINERZ

Ladowanie drewna. Warszawa, Państwowe Wydawn. Rolnicze i Lesne, 1951.  
62 p. (Biblioteczka lesna) (Loading lumber)

DA Not in DLC

SO: Monthly List of East European Acquisitions (EXAL) 1C, Vol. 5, No. 8, Aug 1951. Theil.

CZEREYSKI, KAZIMIERZ

Dwukołki zrywkowe. Warszawa, państwo Wydawn. Rolnicze i Lesne, 1951

P. 20 (Biblioteczka lesna) (Logging wheels)

DA

Not in DLC

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957

PTA GDAŃSK, G.

b

11.6

614.41-61-667

Majewski-Rawinski B., Czereyski K. **Experimental Use of Sawdust  
Briquettes as Propelling Combustion.**

Próba zastosowania brykietów z "rocin jako paliwa do pojazdów  
motoryzatorowych". Sylwan No 2, 1951, pp. 264 - 271, 7 figs.

Results of trial trip with ZIS-5 motorcar and KT-12 tractor due  
to briquettes made from pine and spruce sawdust compressed  
by the A Stanislawski process. Satisfactory results of the trial. Im-  
portant in briquettes a disadvantage how the investigations were  
carried out. Results shown in figures.

CZEREWSKI, WACIEPEK

Mechanizacja załadunku i wyladunku drewna. Warszawa, Państwowe Wydawn. Rolnicze i Leśne, 1952. 155 p. (Mechanization of loading and unloading lumber)

DA      Not in DLC

SC: Monthly List of East European Accessions (SEAL) LC, Vol. 7, No. 8, Aug 1952. Uncl.

CZERĘYSKI, K.

"Safety at work during the barking of logs." p. 260. (Ochrona Pracy; Bezpieczeństwo I Higiena Pracy, Vol 8, no. 8/9, Aug/Sep 53, Kraków Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncr

CZEREYSKI, K.

"Work safety when loading and unloading timber." p. 439. (OCHECNA PRACY;  
BIZPIECZENSTWO I HIGIENA PRACY, Vol. 8, no. 12, Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1953, Uncl.

CZERLINSKI, K.

CZERLINSKI, K. Use of hoisting winches in the decortication of long logs  
at sawmill storohouses. p. 34.

Vol. 6, No. 9, Sept. 1955  
PRZEGLAD MATERIAŁÓW  
TECHNOLOGY  
Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

CZEREYSKI, K.

CZEREYSKI, K. The types of lumberyards and their setup. p. 33.

Vol. 29, no. 8, Aug. 1955  
LAS POLSKI  
AGRICULTURE  
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

CZŁREYSKI, KAZIMIERZ

"Mechanized skidding"

p. 151 (Warszawa, Państwowe Wydawn. Rolnicze i Lesne, 1956, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 59,

CZEREYSKI, K ; STAJNIAK, J.

"Zrywka motorowa" (Felling of timber), by K. Czereyski and J. Stajniak.  
Reported in New Books (Nowe Książki), No. 11, June 1, 1956.

CZEREYSKI, K

CZEREYSKI, KAZIMIERZ.

Zrywka konna. (Wyd. 1.) Warszawa, Państwowe Wydawn. Rolnicze i Lesne, 1956. 68 p.  
(Biblioteczka leśniczego) (Log skidding with horses. 1st ed.)  
DA Not in DLC  
Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

CZERKAL, B.

6M1P tube for U-F systems. p.20

Increased sensitivity of the Tesla 550,000 receiver of the Lambda type. p.23

RADIOANATOR.

Warszawa, Poland

Vol.9, no.1, Jan.1959

Monthly List of East European Accessions Index (EEAJ) LC, Vol.9, no.6

June 1959

Unclassified

CZERKAWSKI, Andrzej; SKORA, Klemens

Measurement of relative movements of bone fragments in the leg.  
Chir. narz. ruchu 21 no.3:255-266 1956.

1. Z Zakladu fizyki A.M. we Wrocławiu. Kier.: Z-ca prof. mgr.  
W. Skora, i I. Klin. chirurg. A.M. we Wrocławiu. Kier. prof.  
dr. K. Czyzewski.  
(LEG, fractures,  
measurement of relative movements of bone fragments (Pol))  
(FRACTURES,  
leg, measurement of relative movements of bone fragments  
(Pol))

CZERKAWSKI, H.

Knitting with less stretch. Piuletyn Wlok. p. 2.  
PRZENYSL WLOKIENNICZY Vol. 8, No. 1/2, Jan./Feb. 1956.

Source: East European Accessions List  
Vol. 5, No. 10, Oct. 1956.

CZERLUNCZAKIEWICZ, B.; KOWALSKA, A.

Double differential cross section for slow neutron scattering  
on gaseous ammonia molecules. Acta physica Pol 25 no.1:141-144  
Ja '64

1. Department of Theoretical Physics, Jagellonian University,  
Krakow.

CZERMAK, S.

"Superfluous runs in forwarding goods on Polish State Railroads." p. 377.  
(PRZEGLAD KOLEJOWY. Vol. 6, No. 10, Oct. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (HEAL). LC. Vol. 4, N<sup>o</sup>. 4.  
April 1955. Uncl.

KIRMIZESI İPAR — FOOD INDUSTRY  
VOL. IV. — 1950  
No. 10, Oct.

31

*I. Corruption.* 69-77  
Being the most important source of  
misrule of Hungary pp. 20-29

## APPENDIX METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510008-3"

CEZEMBRIK, J.

Properties of noncorrosive austenitic chromium-manganese steel. p. 420.  
Vol 22, no. 11, Nov. 1955. HUTNIK. Katowice, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

OPTIONAL FORMS, E.

Additional instructions: (see reverse side for continuation)

RE: "WATERFALL" - see previous page for details. (See also, "WATERFALL" file.)

Enc.

CZERNA SKI, J.

The knowledge and possibilities of exploring the deposits of mineral raw materials in Gory Swietokrzyskie and their properties. p.53

PRZEGLAD GEOLOGICZNY. Wydawnictwa Geologiczne. Warsaw, Poland  
Vol.7, no.2, Feb.1959

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6  
June 1959  
Uncl.

CZERMINSKI, Jan

Petrography of quartzite sandstones in the Middle Cambrian of Duza  
Wisniówka near Kielce. Kwartalnik geol 3 no.3:677-688 '59. (EEAI 9:7)

1. Instytut Geologiczny  
(Poland--Sandstone) (Poland--Quartzite)

CZERMINSKI, Jan

Activities of the Geological Institute in the field of basic investigations. Przegl geol 8 no.10:514-515 0 '60. (EEAI 10:9)

(Poland--Geology)

CZERMINSKI, Jan; TOMASZEWSKI, Jan

Some problems of terminology concerning the underground and surface  
deposits. Przegl geol 9 no.6:334-335 Je '61.

1. Instytut Geologiczny, Przedsiębiorstwo Geologiczne w Krakowie.

(Geology)

CZERMINSKI, J.

"International Mineral Processing Congress. 1960." Reviewed by  
J.Czerminski. Hutnik 29 no.1:34-35 Ja '62.

CZERMINSKI, Jan; RYKA, Waclaw

Bentonite in eifelian dolomites at Jurkowice near Klimontow. Kwartalnik  
geol 6 no.1:8-22 '62.

1. Instytut Geologiczny, Warszawa.

CZERMINSKI, Jan

Volume and mass calculation of the sedimentary series rocks in  
Poland (the Carpathian Mountains not included). Kwartalnik geol  
6 no.2:337-349 '62.

1. Instytut Geologiczny, Warszawa.

CZERMIŃSKI, Jan

Trends and methods of research on deep structures. Przegl geol  
10 no.6:265-267 Je '62.

1. Zastępca dyrektora Instytutu Geologicznego, Warszawa.

CHERMIN'SKI, Yan [Czerminski, Jan]

Estimating the volume and mass of sedimentary series of Poland  
(except the Carpathians). Sov.geol. 5 no.8:25-32 Ag '62.  
(MIRA 15:9)

1. Geologicheskiy institut, Varshava.  
(Poland--Rocks, Sedimentary)

CZERMINSKI, J.

"Cold rolling of steel tapes" by [inz.] Franciszek Wiesener.  
Reviewed by J. Czerminski. Hutnik P 29 no.3:113-114 Mr '62.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510008-3

CZARNIŃSKI, J., mgr inż.

7th International Book Fair. Hutańk 1 29-078-312 JI-Ag '62.

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510008-3"

CZERMINSKI, J.

Metallurgic inventions and improvements. Hutnik P 30  
no. 5: 162-164 My '63.

CZERMINSKI, Janusz, mgr inz.

The Thirty third International Poznan Fair. Wiad hut 15 no. 7/8:  
250-252 Jl-Ag '64.

CZERMINSKI, J., mgr inz.

Third Reporting Conference of the Committee of Metallurgy of  
the Polish Academy of Sciences. Hutnik P 31 no.5:181-182  
Maj '64.

CZERMINSKI, Janusz, mgr inz.

Factors influencing efficient labor. Wiad gorn 14 no.10:  
332-334 0 '63.

CZERMINSKI, Janusz, mgr inż.

Reminiscences from the Exhibition of Achievements of the  
Baldon Metallurgical Plant. Wiad. no.10:326-329  
O '59.

URICH, Rudolf, mgr inz., adiunkt; CZERNIEWSKI, Janusz, inz.

Designing indirect frequency transistor amplifiers. Prace Inst  
teletechn 4 no.1:43-77 '60.

1. Instytut Tele - i Radiotechniczny, Warszawa.

CZERMINSKI, Janusz, mgr inz.; GISMAN, Stanislaw, mgr inz.

Technical Books and Press Festival. Rudy i metale 6 no.10:  
432-434 0 '61.

CZERMINSKI, Janusz, mgr inż.

Industrial psychology and labor productivity. Wiad hut I9  
no.2:52-55 P '63.

CZERMIŃSKI, Janusz, mgr inż.

Standardization: its beginning and purposes. Wiad. hut 16  
no.1:24-26 Ja '60.

OSZCZAPOWICZ, Janusz; CZERMINSKI, Jurand

The synthesis of merocyanine dyes derivatives of thodanine.  
Pt.4. Rocznik chemii 37 no.9:969-975 '63.

1. Department of Organic Chemistry, University, Warsaw.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510008-3

OZERNTASKI, MICHAEL

Zur Zirkulation 9/3/69 Cgold  
O Kremel (Medicine) w Lublin - STANKIEWICZ  
doc dr S. BILINSKI - STANKIEWICZ

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510008-3"

CZERNAY, Laszlo, dr.; BIRO, Andras, dr.; VARRO, Vince, dr.

On the blood circulation of the small intestine. Orv. hetil.  
106 no.26:1206-1207 27 Je'65.

1. Szegedi Orvostudomanyi Egyetem, I. Belgyogyaszati Klinika  
(igazgato: Julesz, Miklos, dr.).

POLAND/Nuclear Physics - Elementary Particles.

C

Abs Jour : Ref Zhur Fizika, No 11, 1959, 24417

Author : Czerniawski, D.

Inst :

Title : On Multiple Production of Particles in Collisions of  
High Energy

Orig Pub : Postepy fiz., 1958, 9, No 6, 653-685

Abstract : Survey,  
Bibliography, approximately 40 titles.

Card 1/1

PAUNESCU-PODEMANU,A.; ZOSIN,P.; SCHACHTER,A.; ILIESCU,Al.; REICHRATH,S.;  
CZERNCK,I.

Observations and research on the pathogenesis of hemorrhages  
produced by salicylic drugs. Probl. reumat., Bucur. no.6:49-  
56 '59.

(HEMORRHAGE, etiology)  
(SALICYLATES, effects injurious)

L 62726-65 CWP (u) /2W" (s) - DD

ACCESSION NO: AP502145A

02/0034/64/000/011/0769/0774

AUTHOR: Charnok, Jan (Engineer)

TITLE: Controlling the blast furnace heat balance

SOURCE: Ruhnicke Listy, no. 11, 1964, 769-774

TOPIC TAGS: thermodynamics, temperature control, blast furnace

Abstract /Author's English Summary/: The blast furnace process is governed by the laws of thermodynamics. Excessive or insufficient heat supply changes the hearth heat balance. The inertia of the charge delays the thermal impulse effect upon the thermodynamic equilibrium of the hearth. The temperature data obtained for the metal and the slag by tap measurements conform to the heat balance of the hearth rather than the Si content in the hot metal. The influence of the hearth temperature upon the blast furnace process is evident from variations in the location and the width of the plasticity zone. Optimum heat balance of the hearth for the production of iron for steel manufacture, haematite iron and ferromanganese was investigated, using long period temperature measurements of metal and slag.

Card 1/2

L-62726-65

ACCESSION NR.: AP5021454

using an optical pyrometer. The resulting data may be used in  
the control and for improvement of the blast furnace process.

Orig. art. has 11 graphs and 1 table.

ASSOCIATION: Trinecke Metallurgic VRSP (Trinec Iron Works VRSP)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, TD

NO REF Sov: 000

OTHER: 002

JPRS

470  
Card 2/2

CZERNEK, Stanislaw

Rearing Merino sheep in half-open premises with considerations on the feeding problems. Rocznik roln zootechn 84 no.1:141-164 '64.

CZERNER, K.

P O L .

622.673.8

3247

Czerner K. Drive Wheel Slip in Winding Engines.  
"Postizgt na kole pednym maszyny wyciągowej". Przegląd Górnictwa,  
No. 2, 1954, pp. 53-60, 2 figs., 1 tab.

The index for rope grip can only in exceptional circumstances, be  
equal to the coefficient of friction. The coefficient of friction of the  
lining should not be subject to major fluctuations. Slip proper, and the  
creep resulting from plastic deformations. Wear on linings, and the  
behaviour of ropes. Rope design. Computations.

CZERNER, K.

(1)

3558

622.671-59 : 389.6

Czerner K. A Draft for Standardising Cage Safety Catches.

"Projekt normalizacji łapadeł szybowych". Przegląd Górnictwa. No. 3, 1953, pp. 101-107, 10 figs., 2 tabs.

Constructional details of safety catches used in Polish coal-mining practice: jaws, mechanism of driving levers and release gear. The Gräfe type safety catch was chosen as specimen for standardisation. Disadvantages of driving lever and release gear mechanisms hitherto in use.

Polish Technical Abst.  
No. 1 1954  
Mining

CZERNER, K.

Phenomena accompanying the breakage of a wire rope. p. 281. (PRZEGLAD GEFNICZY, Vol. 10, No. 7/8, July/Aug. 1954, Stalinograd, Poland)

SC: Monthly List of East European Accessions, (FEAL), LC, Vol. 3, No. 12, Dec. 1954, Unclassified.

RE: C. I.

People's Trial Tribunal, "Formation, Trial of Nazi War Criminals," p. 27,  
(See Document 37, Vol. 13, No. 11, November 1954, "The Case," Part 1)

See: "Thirty Ninth Trial Session, Accusation," (C.I.A., 1954, Vol. 7, No. 3),  
March 1955, Annex.

CZERNER, K.

CZERNER, K. Remarks or the design of mine car circuits. p. 23  
Vol. 12, no. 1. Jan. 1956 Warszawa Poland

SOURCE: East European Accessions List (EEAL) Vol. 5 No. 4 April 1957

Czernee, K.

✓ 78. KOŁĘ WINDU ROPE BREAKAGE. Czernee, K. (Przegl. górn. (Min. Rev., Stalingrad), 1954, vol. 10, 29; abstr. In Colliery Engng, Oct. 1955, vol. 32, 442, 443). (L).

CCW/\*\*\*, I.

External valve gear cams of steam hoists.

p. 297 (Prace Jnd Cernicov. Vol. 12, no. 7/8, July/Aug. 1958. Klatovice, Island)

Monthly Index of East European Accessions (EEAI) I.C. Vol. 7, no. 2,  
February 1958

CZERNER, K.

TECHNOLOGY

PERIODICAL: PRZEGLAD GORNICZY. Vol. 14, no. 1, Jan. 1953.

CZERNER, K. The operation of the steam winding machines with braking crams. p. 30.

Monthly List of East European Accessions (EEAI) LC Vol. 3, no. 4  
April 1959, Unclass.

CZERNIAK, J.

Synthesis of 1,4-bis(3-aminob-2-methylphenylsulfonamido)benzene, as an intermediate in the production of azo dyes. A. Chrząszczewska, J. Czerniak, Z. Madejs, and M. Nowacka. *Bull. soc. act. pol. czas. 244*, Class III 6, No. 4, 5 pp. (1955). — To 1.0 mole  $p$ -H<sub>2</sub>NCH<sub>2</sub>NH<sub>2</sub> (I) in boiling toluene was added AcONa, then 2.2 moles 2,5-Me<sub>2</sub>O<sub>2</sub>NCH<sub>2</sub>SO<sub>2</sub>Cl (II) in toluene with stirring, the whole refluxed 3.5 to 4.0 hrs., the solid filtered, washed with toluene and hot HCl, the washed solid dissolved in dil. alkali, the soln. treated with C, filtered, and the filtrate acidified to give 1,4-[2,5-Me<sub>2</sub>O<sub>2</sub>NCH<sub>2</sub>SO<sub>2</sub>NH<sub>2</sub>]C<sub>6</sub>H<sub>4</sub> (III), yellow crystals, m. 280°. To aq. NaOH at 0-8°, with stirring, was added III and NH<sub>4</sub>Cl, in portions, maintaining the pH at 8, the whole heated 8 hrs. under acidic (to Congo red, the hot soln. treated with C, filtered, and the filtrate cooled to give 1,4-[2,5-Me<sub>2</sub>O<sub>2</sub>NCH<sub>2</sub>SO<sub>2</sub>NH<sub>2</sub>]C<sub>6</sub>H<sub>4</sub>-d-HCl (IV). III and SnCl<sub>4</sub> also gave IV, but no details are given. Diazoized IV with II acid and gamma acid in acid soln. gave red and purple azo dyes suitable for dyeing wool.  $p$ -O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>Me 1 mole was added to 3.9 moles ClSO<sub>2</sub>II at 70° and the whole heated 4 hrs. at 115-20° to give II (78.8-97.3% pure), m. 42.0-4.5 (from glacial AcOH). 1,4-Bis(3-aminophenylsulfonamido)benzene and its derivative azo dyes. A. Chrząszczewska, Z. Madejs, and J. Wieczorek. *Ibid.* No. 3, 6 pp. (1955). — I, AcONa, and  $m$ -O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>Cl gave 1,4-( $m$ -O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>NH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub> (V), colorless crystals, decomp. approx. 250°; V and Na<sub>2</sub>S gave 60% 1,4-( $m$ -H<sub>2</sub>NCH<sub>2</sub>SO<sub>2</sub>NH<sub>2</sub>)-C<sub>6</sub>H<sub>4</sub> (VI), colorless crystals, m. 235-7° (from EtOH). Condensation of diazotized VI and 1,3,7-HO(HO<sub>2</sub>S)(H<sub>2</sub>N)-C<sub>6</sub>H<sub>4</sub> in acid and alk. medium gave a brown dye, decomp. 270°; VI and 2,6,8-H<sub>2</sub>N(HO<sub>2</sub>S)(HO)C<sub>6</sub>H<sub>4</sub> gave a red dye, decomp. 275°. Harry L. Yule

CH

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RE OK

KRZECZKOWSKA, Irena; BURZYNSKI, Stanislaw; CZERNIAK, Zbigniew

Free amino acids of some edible mushrooms. Ann. Univ. Lublin  
sept. D 19:321-328 '64.

Bound amino acids of some edible mushrooms. Ibid. 1329-336

1. Katedra i Zaklad Chemii Ogolnej, Wydzial Le'warski AM w  
Lublinie (Kierownik: doc. dr. Irena Krzeczkowska).

CZERNER, Marian

From the history of lighthouses. Horyz techn [16] no.6:8-10 '63.

SUMMARY

FOLDES, Janos, Dr; CZERNAK, F., M.D.; Medical University of Budapest,  
First Medical Clinic (Budapesti Orvostudomanyi Egyetem, I. Belklinika)  
and Yel-Nasomer Hospital, Israel [original language version not given]

Data on the Clinical Evaluation of the Test Based on the I-131-Triiodo-  
Thyronine Uptake of the Erythrocytes."

Budapest, Orvosi Hetilap, Vol 103, No 50, 16 Dec 62, pages 2366-2369.

Abstract: [Authors' summary] The authors discuss the clinical usefulness of the test. It can be carried out easily and is a useful supplement to other tests for the evaluation of thyroid function. The patient is not exposed to radiation damage, the test can be carried out after contamination with organic iodine or after treatment with I-131 as well. It gives normal values even in euthyreotic cases of high thyroid I-131 uptake and the success of an applied I-131 therapy can be followed by this method. The authors call attention to the extrathyroidal causes which influence the value of the test.

[2 Hungarian, 20 Western references]

FOLDES, Janos, dr.; P. CZERNIAK, M.D.

$\text{J}^{131}$ -triiodothyronine uptake of the erythrocytes in polycythemia  
vera. Magy. belorv. arch. 16 no.1:42 Mr '63.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinika es Tel—  
Hashomer korhaz (Israel).

(POLYCYTHEMIA VERA) (ERYTHROCYTES) (PHOSPHORUS ISOTOPES)  
(ANEMIA, HEMOLYTIC) (HEMATOCRIT) (GLUCOSEPHOSPHATE DEHYDROGENASE)  
(IODINE ISOTOPES, DIAGNOSTIC) (TRIIODOTHYRONINE)

CZERNIAK-RADLICZ, Wanda.

Coronary disease and cholesterol level in the blood in subjects exposed to heavy work. Postepy hig. med. dosw. 15 no.6:741-745 '61.

l. z II Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik:  
prof. dr D. Aleksandrow.  
(CORONARY DISEASE statist) (CHOLESTEROL blood)  
(OCCUPATIONAL DISEASES statist)

CZERNIAWSKA, Alicja

On allergic otitis media in children. Otolaryng.pol. 17 no.4:  
447-448 '63.

1. z Kliniki Otolaryngologicznej AM w Białymostku. Kierownik:  
prof.dr.med. W.Hassmann.

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CZERNIAWSKI, Eugeniusz

Thermal effects of the growth of a bacterium (species: Escherichia coli, Salmonella typhi, Staphylococcus aureus) depending on the initial inoculum and the antibiotics (Penicillin, streptomycin, terramycin, aureomycin) added to the bed of the growth. Nauki matem przyrod Lodz no.13:9-15 '62.

1. Katedra Mikrobiologii, Uniwersytet, Lodz.

\*

ZABLOCKI, Bernard; CZERNIAWSKI, Eugeniusz; GOSCICKI, Janusz

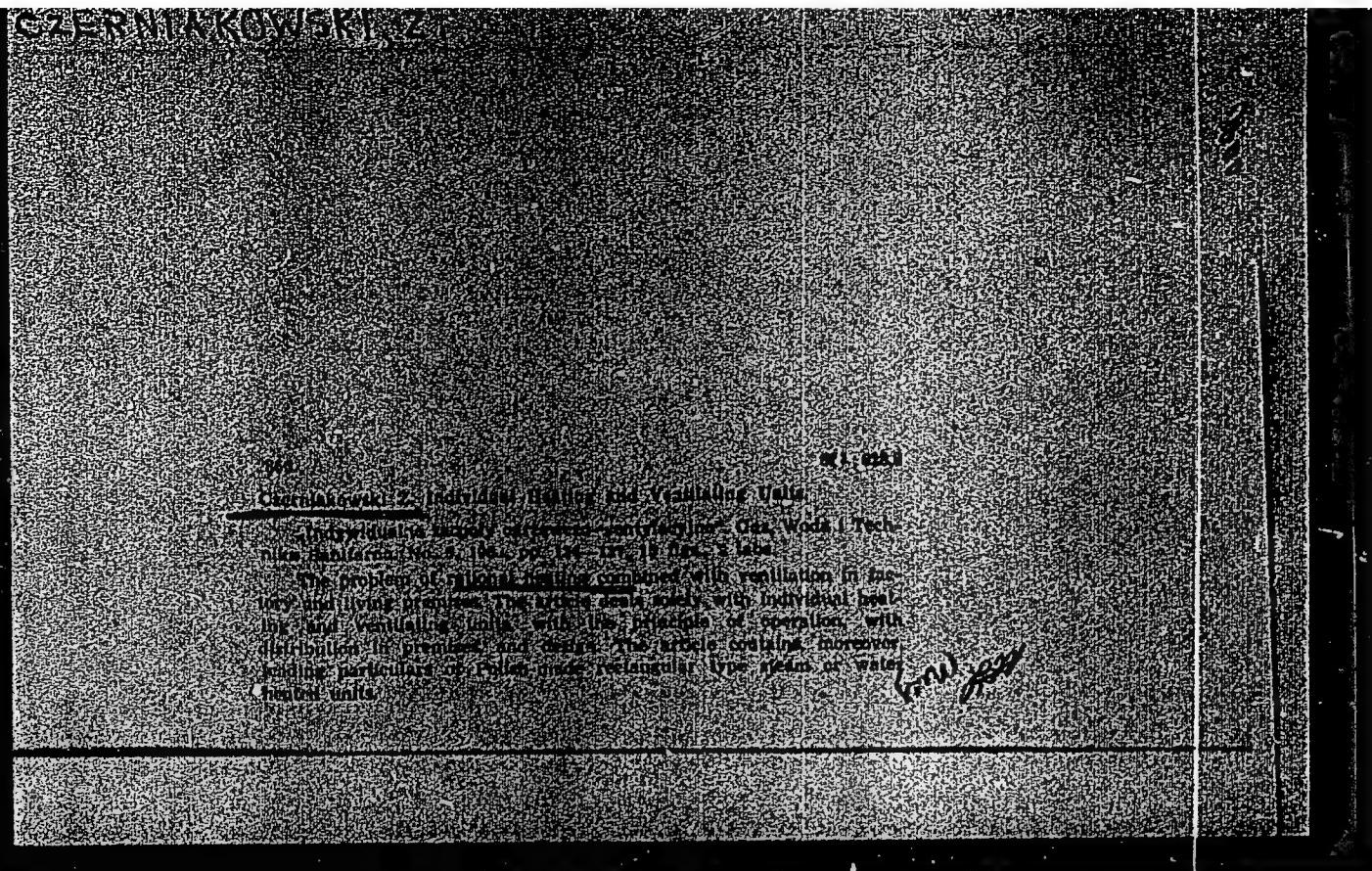
Comparative studies on the level of natural antibodies  
against the bacilli of Enterobacteriaceae. Nauki matem  
przyrod Lodz no.7:171-181 '60.

1. Katedra Mikrobiologii Szczegolowej, Uniwersytet, Lodz.

CZERNAKOWSKI, Z.

"Individual Heating and Ventilating Assemblies." p. 134 (GAZ, WODA I TECHNIKA SANITARNA, Vol. 27, No. 5, May 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10,  
October 1953. Unclassified.



CZERNIAKOWSKI, Z.

Installation problems at the National Building Conference. p. 311  
(GAZ, WODA I TECHNIKA SANITARNA, Vol. 30, No. 8, Aug. 1956 Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, 1957 Incl.

CZERNIAKOWSKI, Z.

CZERNIAKOWSKI, Z. The heating of homes with liquid fuels. p. 112.  
Vol. 30, no. 12, Dec. 1956. GAZ, WEDA I TEGNA SAINTYAR'A. Warszawa,  
Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

CZERNIAKOWSKI, Zygmunt, mgr., inz.

"Technical personnel in the construction industry as reflected by a tentative inquiry." by W. Koscialkowski, Reviewed by Zygmunt Czerniakowski. Praca zabezp spol 3 no.12:79-83 '61.

CZERNIAKOWSKI, Zygmunt (Warszawa)

The construction industry has been working on new methods of  
solving technical problems. Przegl budowl i bud mieszk 34  
no.7:371-373 Jl '62.

CZERNIAWSKI, A.

POLAND/Chemical Technology - Chemical Products and Their  
Application, Part 3. - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 48619

Author : Bogdan Czerniawski, Artur Jaszewski

Inst : "  
Title : Determination Methods of Packing Material Penetrability  
with Reference to Odors.

Orig Pub : Opakowanie, 1957, 3, No 5, 9-12.

Abstract : No abstract.

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24

POLAND / Chemical Technology, Chemical Products and Their  
Application. Synthetic Polymers. Plastics.

H-29

Abs Jour : Ref Zbir - Khimiya, No 5, 1959, No. 17587

Author : Czerniawski, B.; Jaszewski, A.

Inst : Not given

Title : Investigation of Fusion of the Thermoplastics

Orig Pub : Opakowanie, 1958, 4, No 3, 15, 18-19

Abstract : Optimum conditions of fusion of the thermoplastics were determined that render strength of the fused seam equal to that of the material fused. For the polyvinylchloride plastic sheet (I) of 0.32 and 0.18 mm in thickness, with the pressure of 2, 3, and 5 atm. employed during fusion, and with the pressure duration of 2.1 seconds, the power used was 650 and 800 et respectively. For the polyethylene plastic sheet (covered on both sides with I) of 0.1 and 0.05 mm in thickness, with pressure of 2.5 and 2.5 applied

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4 - 135-

POLAND / Chemical Technology, Chemical Products and Their  
Application. Synthetic Polymers. Plastics.

H-29

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17587

during fusion, and with pressure duration of 1.8 and 0.5 seconds; the power used was 800 and 800 respectively. It is pointed out that pressure employed in fusion and the duration of heating are dependent variables (for the attainment of the required strength of fused seam equal to that of material fused the heating time may be reduced at the expense of increased pressure). -- L. Pesin

Card 2/2

*CZERNIAWSKI Bogdan*

Hydrolyzation of films from regenerated cellulose  
Stanislaw Porek, Artur Iaszewski, and Bogdan Czerniawski  
(Acta Polym. Chem. 37, 1125-5 (1986) English summary).  
Cellulose films can be made impermeable to water vapor by  
coating it with a layer of poly(vinyl chloride). The opacified  
film is transparent, smooth, and lustreous. The H<sub>2</sub>O-vapor  
permeability was determined at 16 g./m<sup>2</sup>/24 hr.  
reference: P. J. Hendzel.

27/11/87  
40-30-4

CZERNIAWSKI, Bogdan, mgr inz.; JAKOWSKI, Stefan, mgr inz.

Evaluation of paraffin wax melts and the conditions of corrugated board waxing. Przegl. papier 18 no.11:356-358 N '62.

1. Centralny Ośrodek Opakowań, Warszawa.

CZERNIAWSKI, E.; SEDLACZEK, L.; ZABLOCKI, B.

The heat balance in Escherichia coli cultures grown on  
synthetic media containing various carbohydrates. Bull.  
acad. Pol. sci. [Biol.] 13 no.4:291-293 '65.

The effect of glucose concentration on the energy balance  
in Escherichia coli cultures. Ibid.:295-299

1. Submitted February 3, 1965.

SEDLACZEK, L.; CZERNIAWSKI, E.; ZABLOCKI, B.

The specific protective effect of lipopolysaccharide-protein symplexes isolated from Escherichia coli on the sensitivity of gram-positive bacteria to penicillin. Bul Ac Pol biol 7 no.5:173-176 '59. (EEAI 9:7)

1. Department of Systematic microbiology, Lodz University.

Presented by E.Mikulaszek.

(ESCHERICHIA COLI)

(PROTEINS)

(LIPOPOLYSACCHARIDES)

(BACTERIA)

(PENICILLIN)

ZABLOCKI, B.; SEDLACZEK, L.; CZERNIAWSKI, E.

The effect of lipid-polysaccharide-protein symplexes isolated by various methods from Escherichia coli on the penicillin-sensitivity of staphylococci. In English. Bul Ac Pol biol 8 no.9:519-522 '60. (EKA 10:7)

1. Department of Microbiology, Lodz University. Presented by  
E. Mikulaszek.  
(LIPIDES) (POLYSACCHARIDES) (PROTEINS)  
(ESCHERICHIA COLI) (PENICILLIN) (STAPHYLOCOCCUS)

ZABLOCKI, Bernard; LAZNIEWSKI, Mikolaj; JAKUSZEWSKI, Bogdan;  
GOSCICKI, Janusz; GERNIAWSKI, Eugeniusz

Measurements of the caloric effects in bacteria cultures;  
theoretical fundamentals, apparatus, and methods. Nauki  
matem przyrod Lodz no.12:3-7 '62.

1. Katedra Mikrobiologii Szczegolowej i Katedra Chemii  
Fizycznej, Uniwersytet, Lodz.

\*

CZERNIAWSKI, E.; ZABLOCKI, B.

The course of thermogenesis in *E.coli*, *S. typhi*, and *Staph. aureus* cultures in relation to the inoculum and lyophilization.  
Bul Ac Pol biol 10 no.6:203-207 '62.

1. Department of Microbiology, University, Lodz. Presented by  
E.Mikulaszek.

ZABLOCKI, B.; CZERNIAWSKI, E.

The effect of antibiotics on the shape of thermogenesis curves  
of *E. coli* and *S. typhi* cultures. Bul Ac Pol biol 10 no.6:215-219  
'62.

1. Department of Microbiology, University, Lodz. Presented by  
E.Mikulaszek.

\*

MB 400, Bernau, FRG, Postfach 100, 1000 Berlin 40, FRG

Application of the  $\beta$ -lactamase method to the detection of  
microbiology. [Copy microfilm number 12345]

1. Department of Microbiology, University, Lenz.

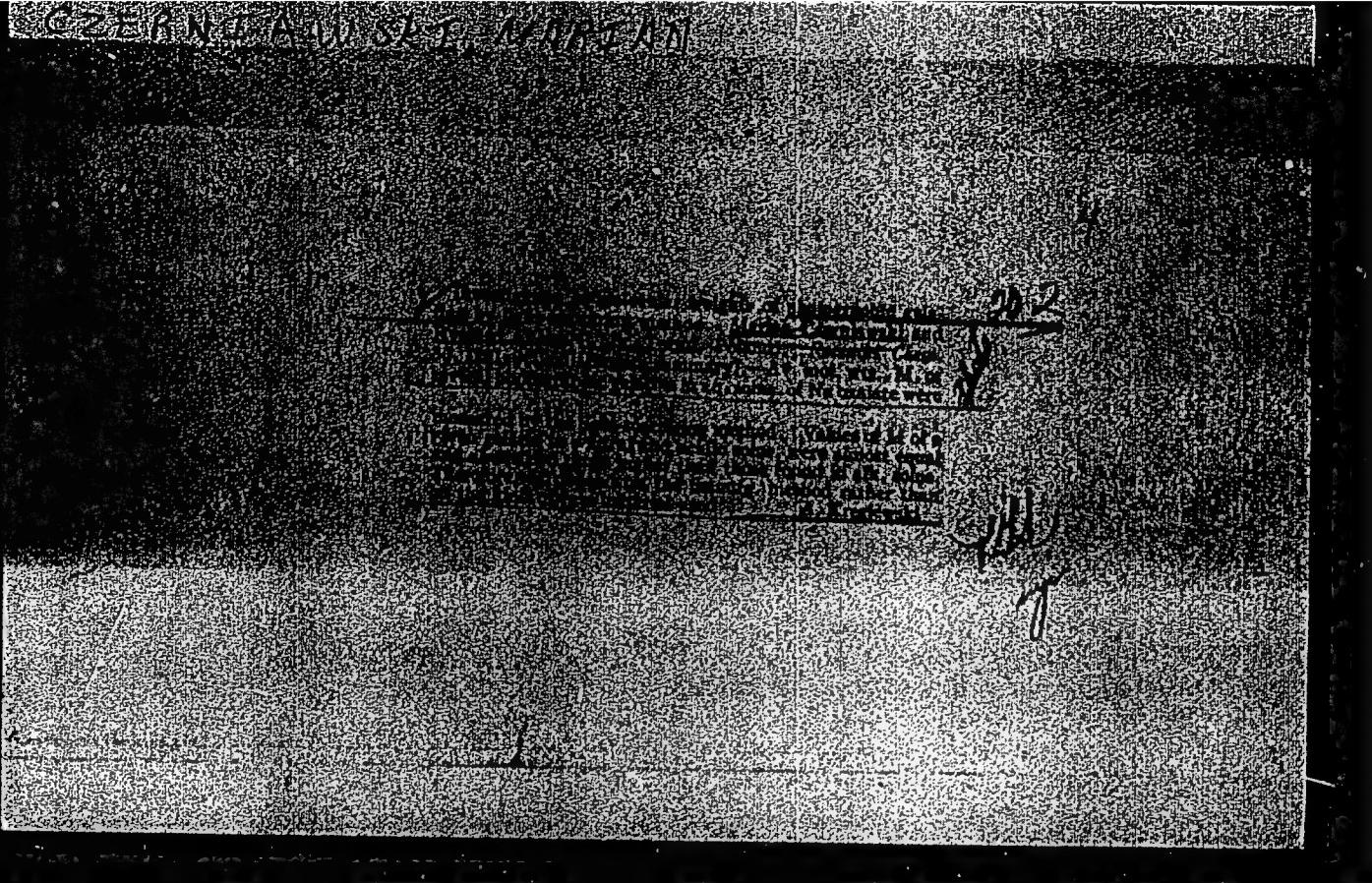
CZERNIAWSKI, J., inż. Dworczyk, M., dr inż. [translator]

Participation of the employees in the mobilization of internal production reserves. Mechanik 34 no.10:502-504 '61.

1. Instytut Organizacyjny Przemysłu Maszynowego, Warszawa (for Dworczyk).

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CIA-RDP86-00513R000509510008-3



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POLAND / Chemical Technology. Chemical Products and  
Their Applications. Leather. Fur. Gelatine.  
Tanning Materials. Industrial Proteins.

H

Abs Jour: Ref Zhur-Khimiya, 1950, No 4, 14051.

Author : Czerniawski, Marian.

Inst : Not given.

Title : Quantitative Determination of Vegetative Tannins  
by the Colorimetric Method. I. Investigation of  
Stability of Compounds Formed by Vegetable Tannins  
with Ferrous Salts.

Orig Pub: Chem. analit., 1958, 3, No 1, 37-45.

Abstract: It was established that the stability of the com-  
pounds depends on the pH of the solution. Tannins  
(T) of oak, mimosa and valonia form stable com-  
pounds with a pH of 7.6-9.1, and T of chestnut and  
sumac with a pH of 6.8-9.1. The light absorption

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140

CZERNIAWSKI, M.; KAROL, H.

Grinders at the 28th Poznan International Fair. p. 224.

Mechanika. Warszawa, Poland. Vol. 32, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.  
Jncl.

BASINSKI, Antoni; CZERNIAWSKI, Marian

Investigations on colloidal properties of vegetable tannins. III.  
The fractionation of vegetable tannins. Rocz chemii 33 no.4/5:  
1141-1152 '59. (EEAI 9:9)

1. Zaklad Chemii Fizycznej Uniwersytetu M.Kopernika, Torun.  
(Tannins) (Acetone) (Benzene)

BASINSKI, Antoni; CZERNIAWSKI, Marian

Investigations on colloidal properties of vegetable tannins. III.  
The fractionation of vegetable tannins. Rocznik chemii 33 no.4/5:  
1141-1152 '59. (EEAI 9:9)

1. Zaklad Chemii Fizycznej Uniwersytetu M.Kopernika, Torun.  
(Tannins) (Acetone) (Benzene)

BAŚINSKI, Antoni: CZERNIAWSKI, Marian

Investigations on colloidal properties of vegetable tannins. IV.  
Measurements of average molecular weights of some vegetable tannide  
extracts. Rocznik chemii 33 no.6:1407-1414 '59. (EEAI 9:9)

1. Katedra Chemii Fizycznej Uniwersytetu M.Kopernika, Toruń.  
(Tannins)

BASINSKI, Antoni; CZERNIAWSKI, Marian

Investigations on colloidal properties of vegetable tannins. III.  
The fractionation of vegetable tannins. Rocznik chemii 33 no.4/5:  
1141-1152 '59. (EEAI 9:9)

1. Zaklad Chemii Fizycznej Uniwersytetu M.Kopernika, Torun.  
(Tannins) (Acetone) (Benzene)

CZERNIAWSKI, Marian; WYSOCKI, Tadeusz

Investigations on colloidal properties of vegetable tannins. V.  
Influence of fractionation on tanning properties of mimosa extract.  
Rocznik chemii 33 no.6:1415-1422 '59. (EEAI 9:9)

1. Katedra Chemii Fizycznej Uniwersytetu M. Kopernika, Toruń i  
Wieczorowa Szkoła Inżynierska, Bydgoszcz.  
(Tannins) (Wattle bark) (Mimosa bark)

L 05326-67 DS  
ACC NR: AF7000218

(N)

SOURCE CODE: PO/0099/66/040/002/0281/0284

29  
B2

CZERNIAWSKI, M. and OTLENSKA, H., of the Department of Inorganic Chemistry,  
N. Copernicus University (Katedra Chemii Nieorganicznej Uniwersytetu M.  
Kopernika) Torun.

"Study on the Structure of the Double Layer of Colloidal Electrolytes. VIII.  
Polydispersity of Aqueous Solutions of Cetyl Trimethylammonium Bromide  
and Cetyl Pyridinium Bromide"

Warsaw, Roczniki Chemii Vol 40, No 2, 1966, pp 281 - 284

Abstract (Authors' English abstract): The polydispersity of cetyl-trimethyl-  
ammonium bromide (CTAB) and cetyl-pyridinium bromide has been measured by  
the ultrafiltration method. [JPRS: 36,002]

TOPIC TAGS: colloid chemistry, electrolyte

SUB CODE: 07 / SUBM DATE: 21 Jul 65 / ORIG REP: 001 / OTH REP: 002

KH

Card 1/1

CZERNIAWSKI, Witold

CuAg15P5 solder. Przegl elektroniki 3 no.10:577-578 0  
'62.

1. Przemyslowy Instytut Elektroniki, Warszawa.